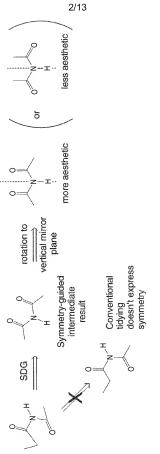


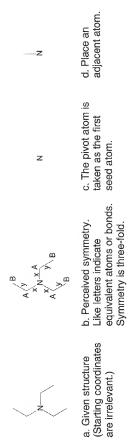
Two different ring Spiro Fused Bridged systems are present

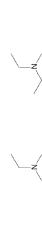
FIG. 2 (Prior Art)





mirror plane





f. Place next g. Place equivalent atom. (Direction atoms, with three-is arbitrary.) fold symmetry.

e. Place equivalent

atoms, with threefold symmetry FIG. 4

(Starting coordinates a. Given structure are irrelevant.)

next atom. e. Place

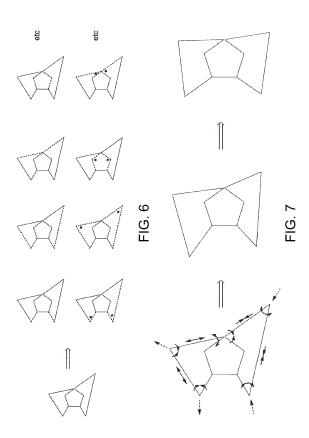
atom, with reflectional

symmetry

f. Place equivalent

atom.

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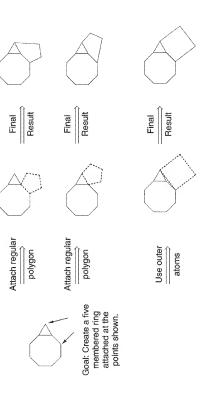
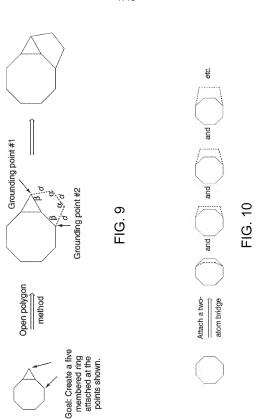
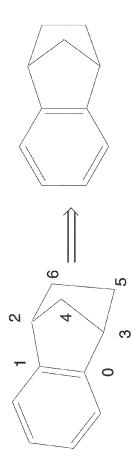


FIG. 8

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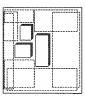
+ bdAng[228 (bdAng=177)] (bdAng=142) (bdAng=109) bdAng=98)]) bdAng=94)]) bdAng=103) + BdLen[0.00] + bdAng[20 (bdAng=125)] (bdAng=134)] [bdAng=119]] ------Enter RD_AttachPeeledBridge [3] + bdAng[88 bdAng bdAng[bdAng [bdAng[+ bdAng[bdAng[BdLen[40.00] BdLen[24.00] BdLen[72.00] BdLen[24.00] BdLen[40.00] BdLen[56.00] BdLen[8.00] BdLen[8.00] Irregular polygon. (numAtsToDraw=4; RNGSIZ=5; aOuter_CW=2; _CCW=3) 178.294] 45.185] 85.917] 16.576] 14.400] 179.643] 32.154] 21.044] 178.107 56.154) = congest congest condest congest = congest| = congest[and 3 (CCW) congest congest = congest (rating = 11 81 13 72.576 Ring 1: Best bridge scale factor = 1.30 313,185 291.643 93.917 56.154 61.044 86.400 242.107 Attaching peeled bridge at atoms 2 Rating for bd len scale 1.9 is len scale 1.7 is for hd len scale len scale len scale len scale scale scale scale len Jen len g g g g for bd for bd for pd For for 5 ö Rating Rating Rating Rating Rating Rating Rating Rating

----- Exit RD_AttachPeeledBridge FIG. 11



first box, there are four b. After imprinting the free rectangles. a. Initial free rectangle



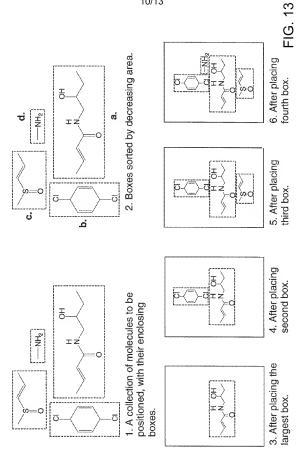


d. After imprinting the eight free rectangles. (Translation step not third box, there are included for clarity.)

FIG. 12

included for clarity.)





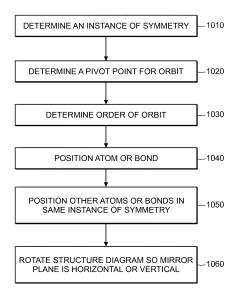


FIG. 14

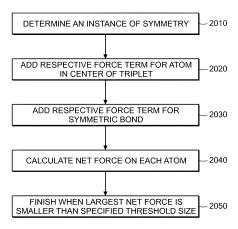


FIG. 15

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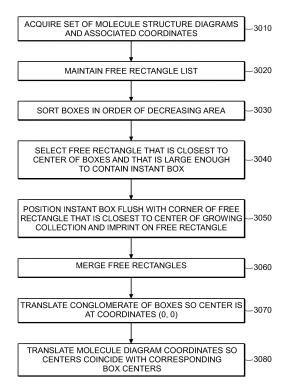


FIG. 16